

## Abstract of the Disclosure

An ND filter includes a substrate formed in a plastic sheet and a deposited film formed on a surface of the substrate. The plastic sheet has at least 120°C of a glass transition temperature. In producing the ND filter, the deposited film is formed on the surface of the substrate at a temperature below the glass transition temperature of the plastic sheet to suppress deformation due to expansion and contraction and to prevent the plastic sheet from wrinkling.

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